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Nota di contenuto	Bamboo: A Mechanically Optimum Design in Nature -- Review of the state-of-the-art using μ CT to elucidate complex vascular systems of plants -- An Overview of The Potential Usage of Bamboo Plants in Medical Field -- Novel food product development through food-to-food fortification with nutrient and bioactive compound-rich bamboo shoot -- Potential of bamboo in the prevention of diabetes-related disorders: Possible mechanisms for prevention -- Bamboo act as a Phytoremediation candidate for Heavy Metal Contaminated Soil: A synthesis. .
Sommario/riassunto	Bamboo is one of the most sustainable materials in nature due to its fast growth, rapid regeneration, outstanding mechanical properties, and applications in numerous industries. Latest technological advances have been allowing the plant to be studied and applied to exciting new projects. Being bamboo an icon of sustainable development, this book approaches the latest developments in the study of the plant, either as a natural resource or as a source of inspiration for more efficient designs. With the global urging demand for more sustainable practices, innovations in bamboo science and technology are key to the development of environmentally sound solutions.

